## **EAST Search History**

## **EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	297	((graded or grading) near5 (dielectric)) same (dielectric adj constant)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/07/06 09:25
S1	2	"20090026587"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/13 10:56
S3	138	6498112 6479110 4789648.pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/13 10:59
S4	516	graded near3 dielectric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/13 11:15
<b>S</b> 5	260	S4 ("428".clas. or "257".clas.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/13 11:15
S6	14953	(low adj k) near5 dielectric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/13 13:21
S7	592	S6 (graded or grading)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/13 13:21
S8	8	S7 (rate near3 decrease)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/13 13:22
S9	268	((graded or grading) near5 (dielectric) same (dielectric adj constant)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/13 13:47
S10	76	S9 (silane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/13 13:49
S11	42	S10 (low adj k)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/13 13:57

S12	6	((graded or grading) near5 rate) same (dielectric adj constant)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	<b>AN</b> D	ON	2009/07/13 14:24
S13	137	(decreas\$3 near5 rate) with (dielectric adj constant)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	<b>AN</b> D	ON	2009/07/13 14:36
S14	28	"6372661"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	<b>AN</b> D	ON	2009/07/13 16:49
S15	11	((graded or gradient) with (dielectric adj constant)) same (crack\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	<b>AN</b> D	ON	2009/07/13 17:11
S16	3	S14 (gradient or graded).detd.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	<b>AN</b> D	ON	2009/07/13 17:16
S17	3359	(dielectric adj constant) same (grad\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	<b>AN</b> D	ON	2009/07/13 17:18
S18	29	((dielectric adj constant) same (grad\$4)) with (stability or stable or cracking or mechanical)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/13 17:19
S19	2940	438/769,680,658,954.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	<b>AN</b> D	ON	2009/07/14 09:13
\$20	2406	(graded or gradient or grading) near5 dielectric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	<b>AN</b> D	ON	2009/07/14 09:14
S21	15	S19 S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	<b>AN</b> D	ON	2009/07/14 09:14
S22	140	6498112 6479110 4789648.pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	<b>AN</b> D	ON	2009/07/14 09:27
S23	18	S20 S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	<b>AN</b> D	ON	2009/07/14 09:27
S24	5	("6147009"   "6251770"   "6525428"   "6570256"   "6974762").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/07/14 09:30

S25	532983	"257".clas. or "438".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/14 09:53
S26	647	S20 S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/14 09:53
\$27	22	S26 (difference near5 (dielectric adj constant))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/14 09:53
S28	2	("20050233156"   "20060009044").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/07/14 09:57
S29	1037	428/610,547,FOR145.cdls.	US-PGPUB; USPAT; USOCR	AND	ON	2009/07/14 10:00
S30	0	\$29 (difference near5 (dielectric adj constant))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/14 10:00
<b>S31</b>	1	S20 S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/14 10:00
S32	1077	((dielectric adj constant) near5 (top or upper\$4)) same ((dielectric adj constant) near5 (bottom or lower\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/14 11:04
833	25	S20 S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/14 11:04
S34	1	(10/239493).APP.	USPAT; USOCR	AND	ON	2009/07/14 11:06
S35	4194	(variable or varied or varies or vary) near5 (dielectric adj constant)	US-PGPUB; USPAT; USOCR	<b>AN</b> D	ON	2009/07/14 11:10
S36	272	S35 (low adj k)	US-PGPUB; USPAT; USOCR	<b>AN</b> D	ON	2009/07/14 11:10
S37	64	S35 (low adj k).ab.	US-PGPUB; USPAT; USOCR	<b>AN</b> D	ON	2009/07/14 11:10
S38	39	(third near5 (gradient or graded)) with dielectric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/14 13:59
S39	18	(third near3 (gradient or graded)) with dielectric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/14 14:01

\$40	9	(US-20090026587-\$ or US-20030153198-\$ or US-20030153198-\$ or US-20030032281-\$ or US-20030161959-\$ or US-20040161617-\$ or US-20030129826-\$ or US-20010055672-\$ or US-20010041250-\$ or US-2003003768-\$ or US-20030048666-\$ or US-20030048666-\$ or US-20040061236-\$ or US-20040061236-\$ or US-20020074309-\$ or US-20020074309-\$ or US-20020074309-\$ or US-20020074309-\$ or US-20020084257-\$ or US-20020084257-\$ or US-6498112-\$ or US-6479110-\$ or US-4789648-\$ or US-6570256-\$ or US-7524528-\$ or US-6518200-\$ or US-6525428-\$ or US-6534395-\$ or US-6602779-\$ or US-7273823-\$ or US-6670022-\$ or US-7235502-\$ or US-6998636-\$ or US-6340435-\$ or US-6756674-\$).did. or (US-20020037442-\$).did.	US-PGPUB; USPAT; DERWENT	AND	ON	2009/07/14 14:32
S41	8	S40 (third adj layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/14 14:33
S42	15	(third adj layer) same ((graded or gradient or grading) near5 dielectric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/14 14:34
S43	9695	((decreas\$3 or reduc\$3) near5 (dielectric adj constant)) same (layer or film)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/14 14:41
S44	68	((decreas\$3 or reduc\$3) near5 (dielectric adj constant)) same ((graded or gradient or grading) near5 dielectric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/14 14:41
S45	15	"5144391"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/14 14:54
S46	3	S45 (low adj dielectric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/14 14:56

S47	346	(second near5 graded) (third near5 graded)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/14 15:02
S48	28	S20 S47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/14 15:02
S49	35	S38 ((second near5 (gradient or graded)) with dielectric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/14 15:12
S50	5	("6147009"   "6251770"   "6525428"   "6570256"   "6974762").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/07/14 15:57
S51	24	("6570256").URPN.	USPAT	AND	ON	2009/07/14 16:02
S52	14	("5885751"   "5904952"   "5945155"   "5981000"   "6054379"   "6059935"   "6072227"   "6087009"   "6090530"   "6340435"   "6346747"   "6362091"   "6407011"   "6429122").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/07/14 16:06
S53	1	S52 (gradient or graded)	US-PGPUB; USPAT; USOCR	AND	ON	2009/07/14 16:19
S54	275	((second near5 (gradient or graded)) with dielectric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/14 16:27
S55	9	S54 (low adj dielectric).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	<b>AN</b> D	ON	2009/07/14 16:28
S56	137	((second near3 (gradient or graded)) with dielectric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	<b>AN</b> D	ON	2009/07/14 16:29
S57	2402	(graded or gradient) near5 (dielectric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/30 16:26
S58	79	((graded or gradient) near5 (dielectric)) same (single near3 (layer or film))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/30 16:26
S59	118	((graded or gradient or profil \$2) near5 (dielectric)) same (single near3 (layer or film))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/30 16:57

S60	1676	(semi adj transparent) near5 (metal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	<b>AN</b> D	ON	2009/12/30 17:03
S61	115	S60 (pigment.ab.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/30 17:04
S62	3	("4075153"   "5135812"   "5320673").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/30 17:06
S63	101	"3438796"	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/30 17:13
S64	23	S63 (semi adj transparent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/30 17:17
S65	2717	(semi adj transparent) same (core or center or central)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/30 17:24
S66	49	S65 (pigment.ab.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/30 17:24
S67	392	(semi adj transparent) near5 (core or center or central)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/30 17:26
S68	8	S67 (pigment.ab.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	<b>AN</b> D	ON	2009/12/30 17:26
S69	910	((semi or partially or partial or part or partly) adj transparent) near5 (core or center or central)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	<b>AN</b> D	ON	2009/12/30 17:32
S70	13	S69 (pigment.ab.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	<b>AN</b> D	ON	2009/12/30 17:32
S71	11	"6156115"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	<b>AN</b> D	ON	2009/12/30 17:35
S72	190	"4434010"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	<b>AN</b> D	ON	2009/12/30 17:49
S73	0	S72 S69	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/30 17:50

S74	13	S65 S72	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/30 17:52
S75	525	"4789648"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/30 18:26
S76	1	S75 S57	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/12/30 18:26

## **EAST Search History (Interference)**

< This search history is empty>

## 7/6/2010 9:27:25 AM

 $\textbf{C:} \ \textbf{Documents} \ \textbf{AST} \ \textbf{Workspaces} \ \textbf{10597038} \ \textbf{graded dielectric.} \\ \textbf{wsp}$